

This listing of claims will replace all prior versions, and listing, of claims in the application:

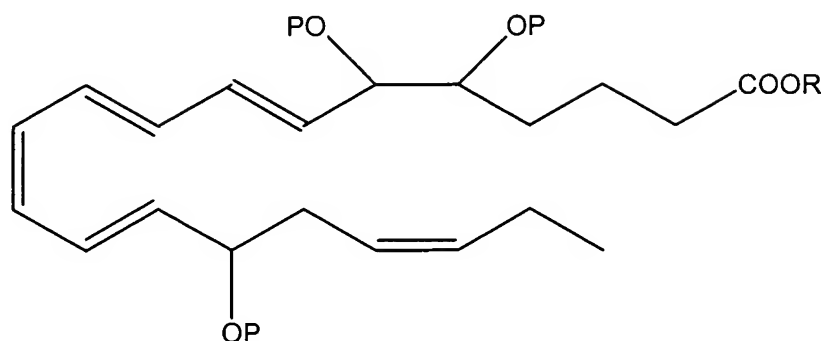
Claims 1-6 (canceled)

Chemical structure of a branched polyunsaturated fatty acid derivative. The main chain is a heptadiene with a terminal OP group, a terminal COOR group, and an internal OP group. A side chain is attached to the third carbon of the main chain, consisting of a propyl group and an OP group.

wherein R is a hydrogen atom or a pharmaceutically acceptable salt, ester, amide or prodrug and wherein one or more P's are hydrogen atoms or one or more protecting groups or combinations thereof.

8. (withdrawn)The compound of claim 7, wherein the C-5 carbon has an S configuration, the C-12 carbon has an R configuration and the C-18 carbon has an R configuration.

9. (withdrawn) A compound having the formula:



wherein R is a hydrogen atom or a pharmaceutically acceptable salt, ester, amide or prodrug and wherein one or more P's are hydrogen atoms or protecting groups or combinations thereof.

10. (withdrawn) The compound of claim 9, wherein the C-5 carbon has an S configuration, the C-6 carbon has an R configuration and the C-15 carbon has an R configuration.

11. (withdrawn) A method for treating or preventing inflammation in a subject, comprising the step of administering a combination of an omega-3 fatty acid and aspirin, such that inflammation is treated or prevented in the subject.

12. (withdrawn) The method of claim 11, wherein the omega-3 fatty acid and aspirin are administered at two different times.

13. (withdrawn) The method of claim 11, wherein the omega-3 fatty acid is eicosapentanoic acid.

14. (withdrawn) The method of claim 11, wherein the omega-3 fatty acid is

docosahexaenoic acid.

15. (withdrawn) A method for treating arterial inflammation, arthritis, or cardiovascular diseases in a subject, comprising the step of administering to the subject a combination of an omega-3 fatty acid and aspirin, such that arterial inflammation, arthritis, or cardiovascular disease is treated or prevented in the subject.

16. (withdrawn) The method of claim 15, wherein the omega-3 fatty acid and aspirin are administered at two different times.

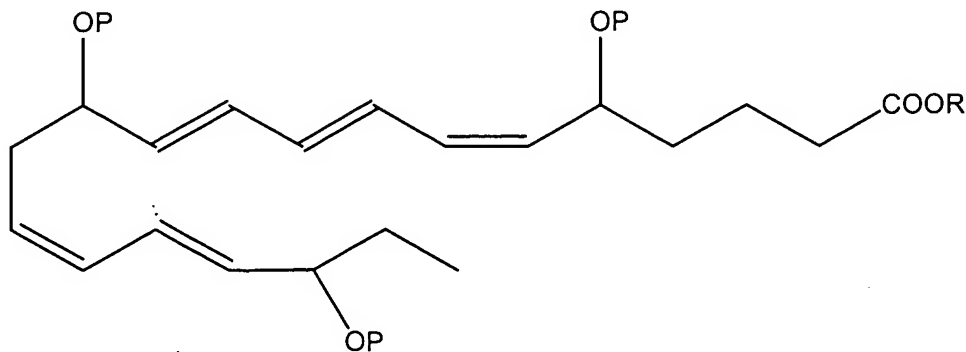
17. (withdrawn) The method of claim 15, wherein the omega-3 fatty acid is eicosapentanoic acid.

18. (withdrawn) The method of claim 15, wherein the omega-3 fatty acid is docosahexaenoic acid.

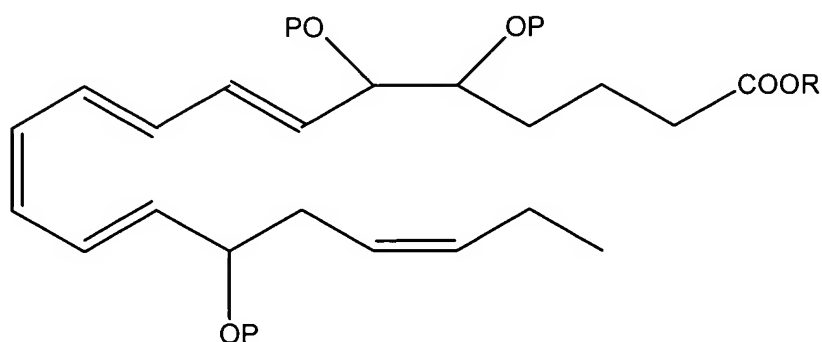
19. (canceled)

20. (canceled)

21. (withdrawn) A method for treating or preventing inflammation in a subject, comprising the step of administering to the subject a compound having the formula:



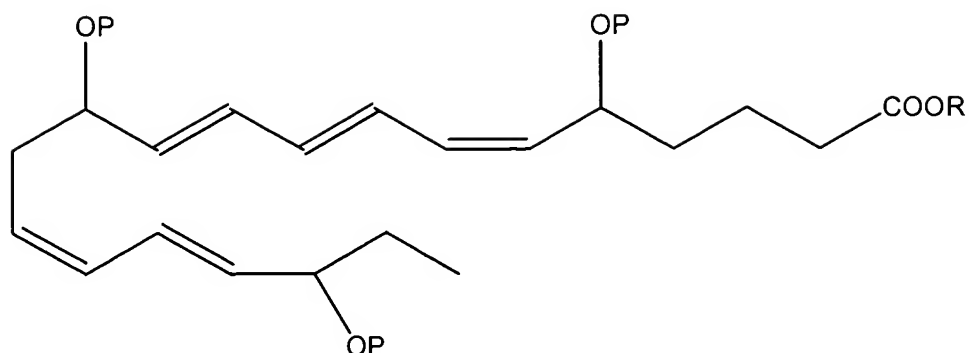
22. (withdrawn) A method for treating or preventing inflammation in a subject, comprising the step of administering to the subject a compound having the formula:



23. (canceled)

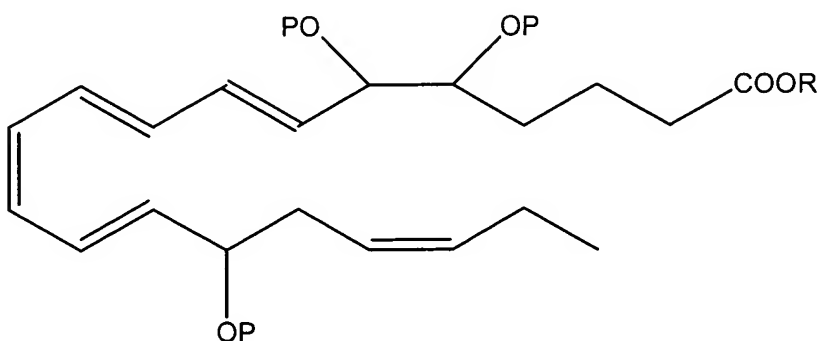
24. (canceled)

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wherein R is a hydrogen atom or a pharmaceutically acceptable salt, ester, amide or prodrug and wherein one or more P's are hydrogen atoms or one or more protecting groups or combinations thereof, such that arterial inflammation, arthritis, or cardiovascular disease is treated or prevented in the subject.

26. (withdrawn) A method for treating arterial inflammation, arthritis, or cardiovascular diseases in a subject, comprising administering to the mammal a compound having the formula:



wherein R is a hydrogen atom or a pharmaceutically acceptable salt, ester, amide or prodrug and wherein one or more P's are hydrogen atoms or one or more protecting groups or combinations thereof, such that arterial inflammation, arthritis, or cardiovascular disease is treated or prevented in the subject.

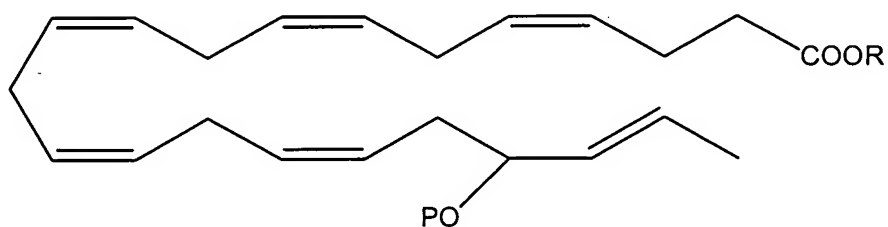
27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Currently Amended) A compound having the formula:

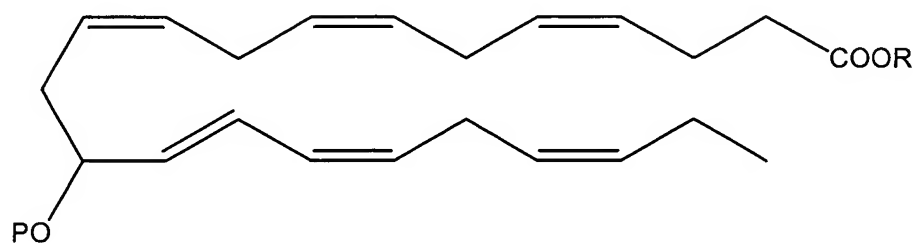


wherein R is a hydrogen atom or a pharmaceutically acceptable salt, ester, ~~amide or~~ prodrug, or -OR forms an amide and wherein P is a ~~hydrogen atom or~~ a protecting group.

32. (Canceled)

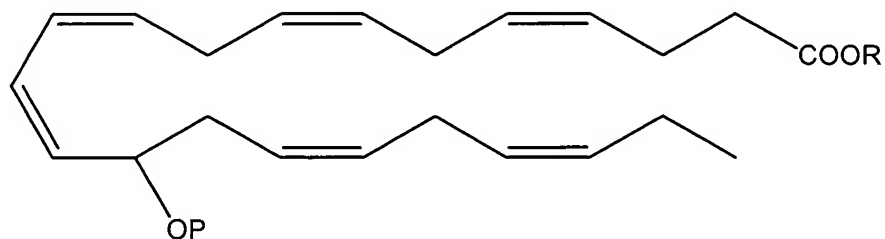
33. (Canceled)

34. (Currently Amended) A method for treating ~~or preventing~~ inflammation in a subject, comprising the step of administering to the subject a compound having the formula:



wherein R is a hydrogen atom or a pharmaceutically acceptable salt, ester, ~~amide or~~ prodrug, or -OR forms an amide and wherein P is a hydrogen atom or a protecting group, such that the subject is treated.

35. (Currently Amended) A method for treating ~~or preventing~~ inflammation in a subject, comprising the step of administering to the subject a compound having the formula:

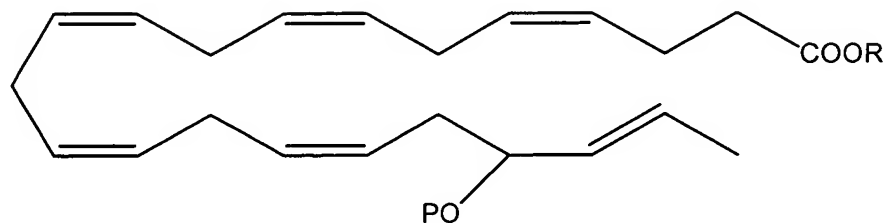


wherein R is a hydrogen atom or a pharmaceutically acceptable salt, ester, ~~amide or~~ prodrug, or -OR forms an amide and wherein P is a hydrogen atom or a protecting group, such

that the subject is treated.

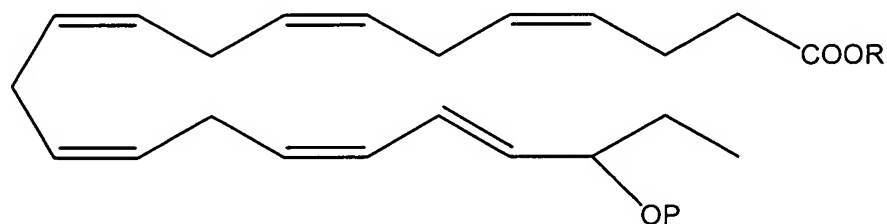
36. (Canceled)

37. (Currently Amended) A method for treating ~~or preventing~~ inflammation in a subject, comprising the step of administering to the subject a compound having the formula:



wherein R is a hydrogen atom or a pharmaceutically acceptable salt, ester, ~~amide or~~ prodrug, or -OR forms an amide and wherein P is a hydrogen atom or a protecting group, such that the patient is treated.

38. (Currently Amended) A method for treating ~~or preventing~~ inflammation in a subject, comprising the step of administering to the subject a compound having the formula:

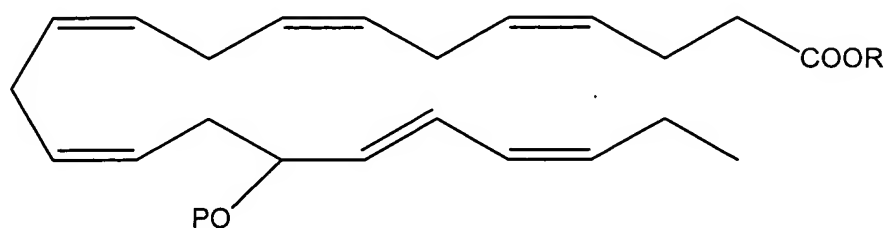


wherein R is a hydrogen atom or a pharmaceutically acceptable salt, ester, ~~amide or~~ prodrug, or -OR forms an amide and wherein P is a hydrogen atom or a protecting group, such



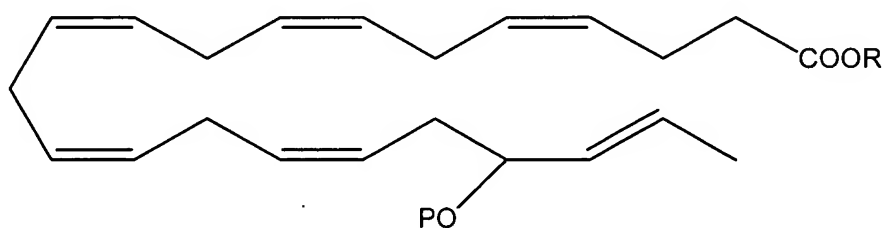
that the subject is treated.

39. (Currently Amended) A method for treating ~~or preventing~~ inflammation in a subject, comprising the step of administering to the subject a compound having the formula:



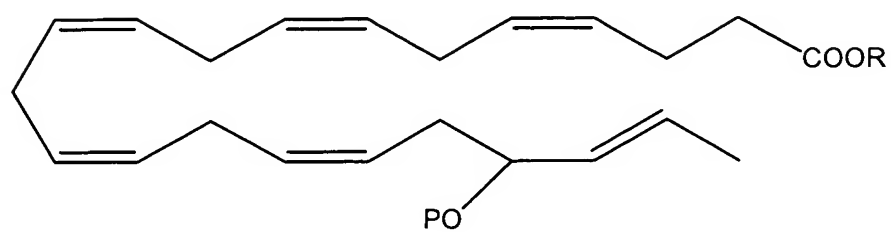
wherein R is a hydrogen atom or a pharmaceutically acceptable salt, ester, ~~amide or~~ prodrug, or -OR forms an amide and wherein P is a hydrogen atom or a protecting group, such that the subject is treated.

40. (New) A compound having the formula:



wherein R is a pharmaceutically acceptable salt, ester, prodrug, or -OR forms an amide and wherein P is a hydrogen atom or a protecting group.

41. (New) A substantially purified compound having the formula:



wherein R is a hydrogen atom and wherein P is a hydrogen atom.